

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062425AR\
 Data File : FD049510.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jun 2025 13:03
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 24 23:52:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 15:23:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.735	2594061	20.345 ug/ml
Spiked Amount 50.000		Recovery =	40.69%
6) S 2-Fluorobiphenyl (SURR)	8.599	1869678	21.057 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.11%
11) S ortho-Terphenyl (SURR)	11.644	3245323	20.464 ug/ml
Spiked Amount 50.000		Recovery =	40.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	2483589	21.384 ug/ml
2) T Naphthalene (C11.7)	6.073	2784882	20.748 ug/ml
3) T 2-Methylnaphthalene (...)	7.125	2818054	19.946 ug/ml
5) T Acenaphthylene (C15.06)	8.403	3058549	19.564 ug/ml
7) T Acenaphthene (C15.5)	8.698	3010052	20.090 ug/ml
8) T Flouorene (C16.55)	9.480	3171249	20.614 ug/ml
9) T Phenanthrene (C19.36)	10.878	3273692	20.542 ug/ml
10) T Anthracene (C19.43)	10.952	2638461	16.805 ug/ml
12) T Fluoranthene (C21.85)	12.692	3330040	21.031 ug/ml
13) T Pyrene (C20.8)	12.991	3367708	21.286 ug/ml
14) T Benzo[a]anthracene (C...	14.861	3111398	21.083 ug/ml
15) T Chrysene (C27.41)	14.904	3173713	21.292 ug/ml
16) T benzo[b]fluoranthene ...	16.411	3019360	21.488 ug/ml
17) T Bnezo[k]fluoranthene ...	16.444	2968046	22.347 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.790	2688401	19.664 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.153	2536513	20.718 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	2956472	23.086 ug/ml
21) T Benzo[g,h,i]perylene ...	18.410	2659947	20.809 ug/ml

(f)=RT Delta > 1/2 Window

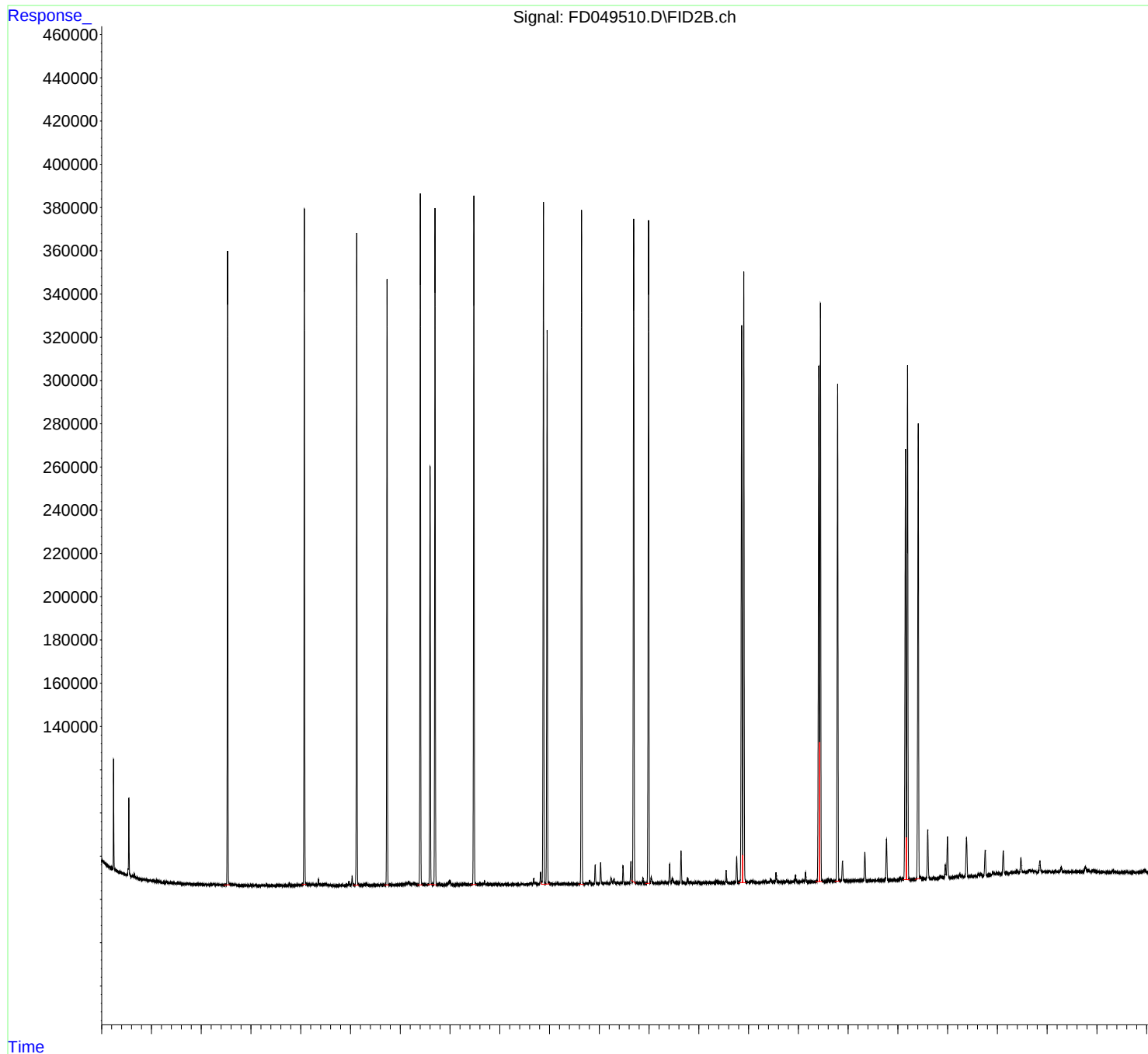
(m)=manual int.

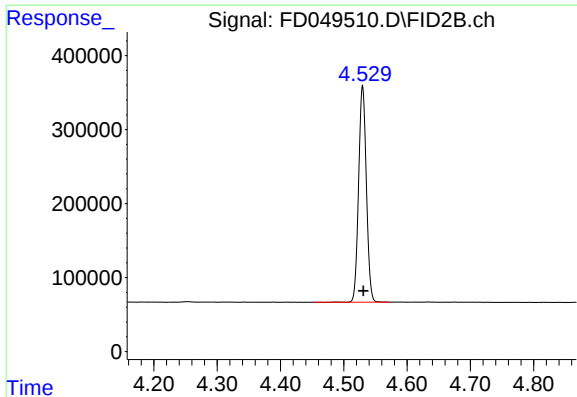
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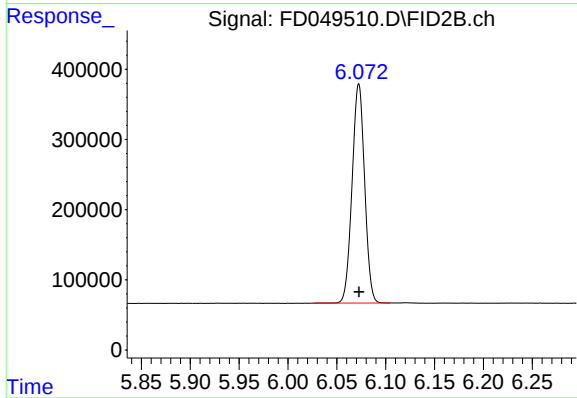




#1 1,2,3-Trimethylbenzene (C10.1)

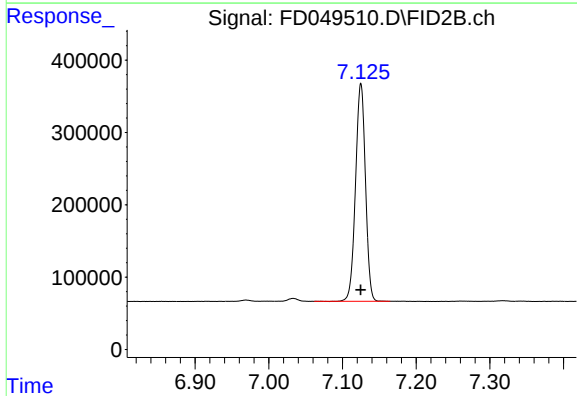
R.T.: 4.530 min
Delta R.T.: -0.001 min
Response: 2483589
Conc: 21.38 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



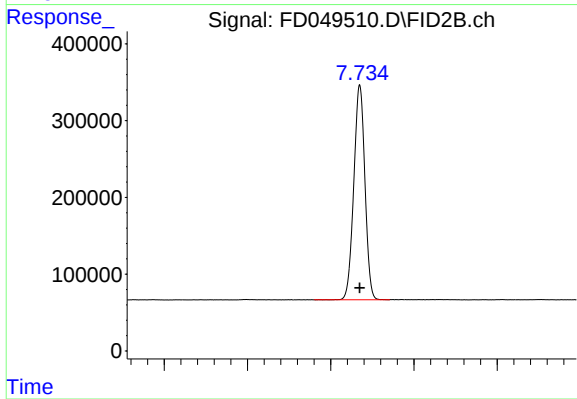
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 2784882
Conc: 20.75 ug/ml



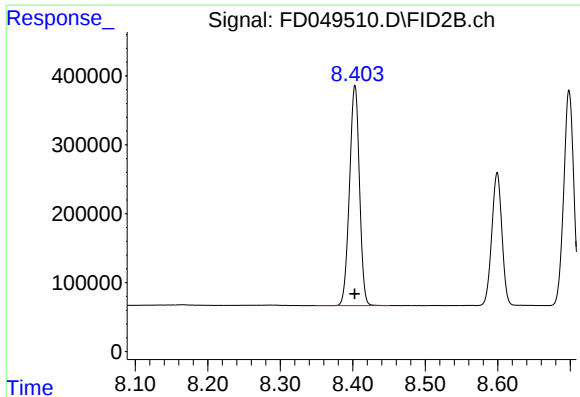
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 2818054
Conc: 19.95 ug/ml



#4 2-Bromonaphthalene (SURR)

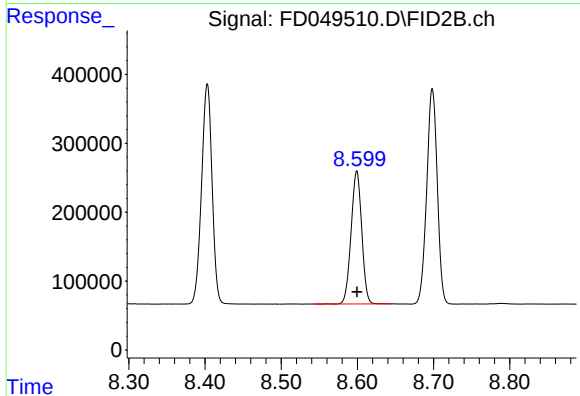
R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 2594061
Conc: 20.34 ug/ml



#5 Acenaphthylene (C15.06)

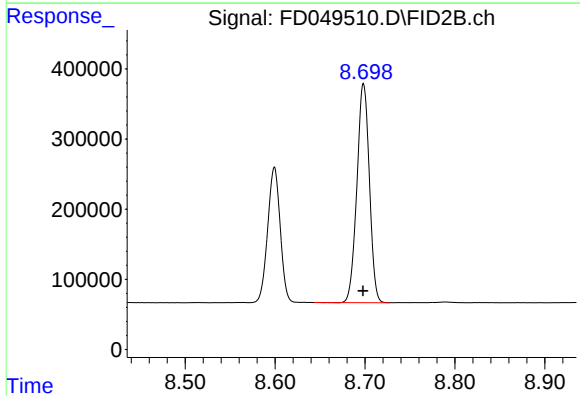
R.T.: 8.403 min
Delta R.T.: 0.000 min
Response: 3058549
Conc: 19.56 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



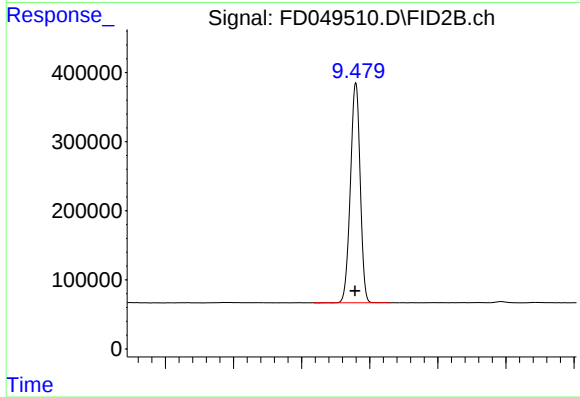
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 1869678
Conc: 21.06 ug/ml



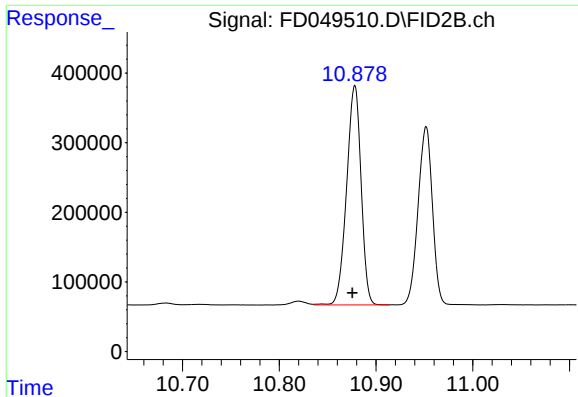
#7 Acenaphthene (C15.5)

R.T.: 8.698 min
Delta R.T.: 0.000 min
Response: 3010052
Conc: 20.09 ug/ml



#8 Flouorene (C16.55)

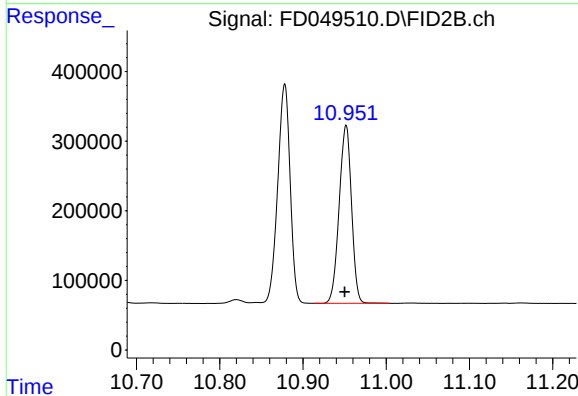
R.T.: 9.480 min
Delta R.T.: 0.001 min
Response: 3171249
Conc: 20.61 ug/ml



#9 Phenanthrene (C19.36)

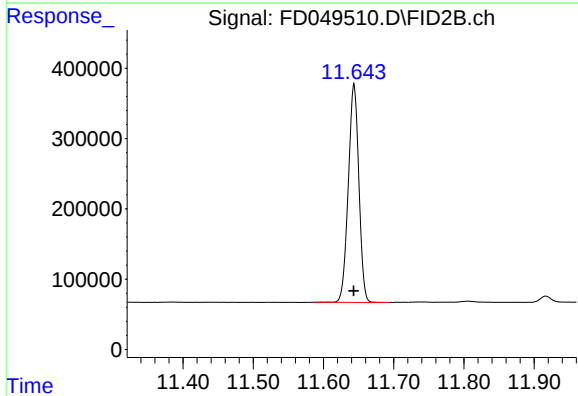
R.T.: 10.878 min
Delta R.T.: 0.002 min
Response: 3273692
Conc: 20.54 ug/ml

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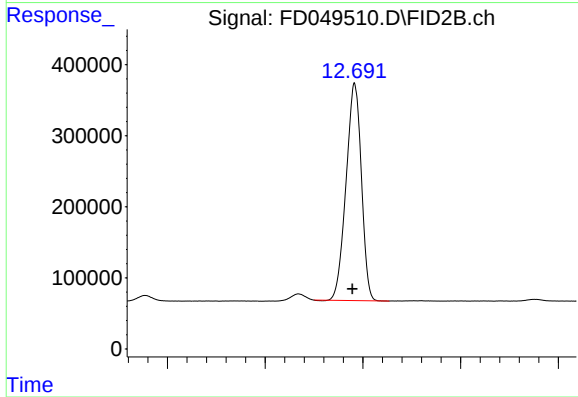
#10 Anthracene (C19.43)

R.T.: 10.952 min
Delta R.T.: 0.002 min
Response: 2638461
Conc: 16.81 ug/ml



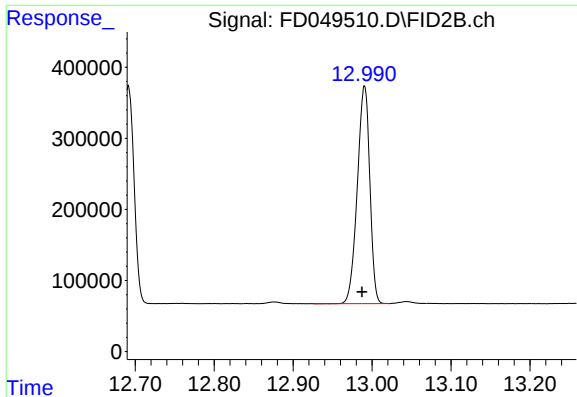
#11 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 3245323
Conc: 20.46 ug/ml



#12 Fluoranthene (C21.85)

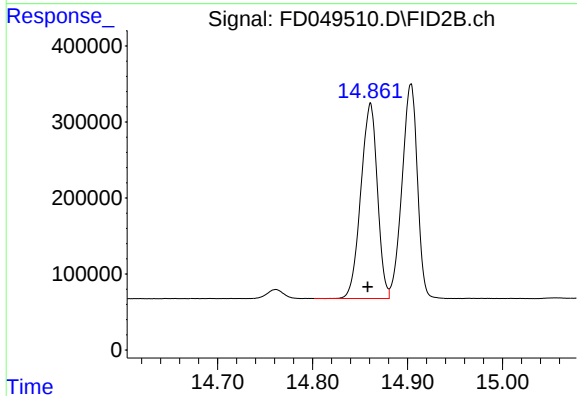
R.T.: 12.692 min
Delta R.T.: 0.002 min
Response: 3330040
Conc: 21.03 ug/ml



#13 Pyrene (C20.8)

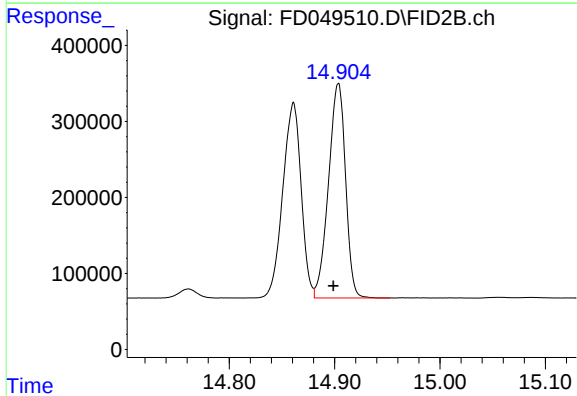
R.T.: 12.991 min
Delta R.T.: 0.003 min
Response: 3367708
Conc: 21.29 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



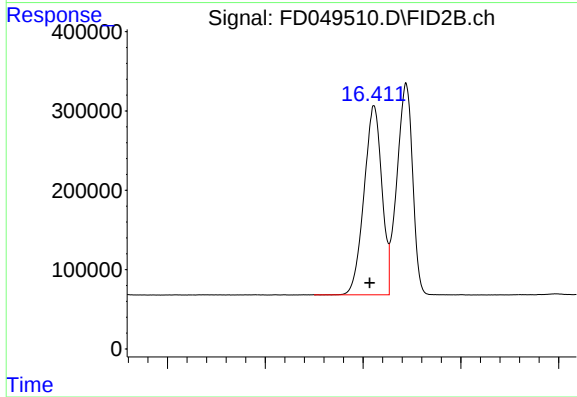
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.861 min
Delta R.T.: 0.003 min
Response: 3111398
Conc: 21.08 ug/ml



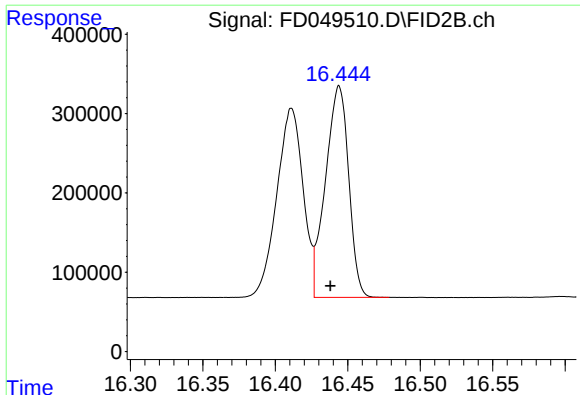
#15 Chrysene (C27.41)

R.T.: 14.904 min
Delta R.T.: 0.005 min
Response: 3173713
Conc: 21.29 ug/ml



#16 benzo[b]fluoranthene (C30.41)

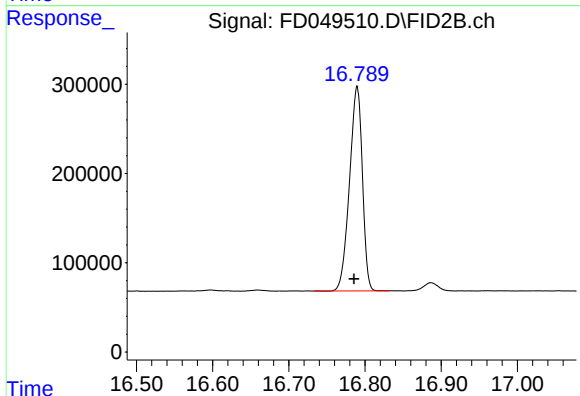
R.T.: 16.411 min
Delta R.T.: 0.005 min
Response: 3019360
Conc: 21.49 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

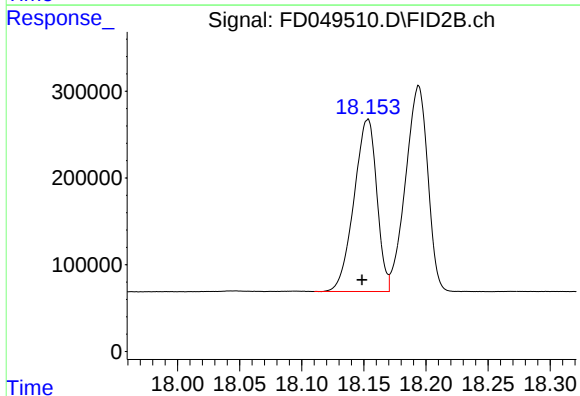
R.T.: 16.444 min
Delta R.T.: 0.006 min
Response: 2968046
Conc: 22.35 ug/ml

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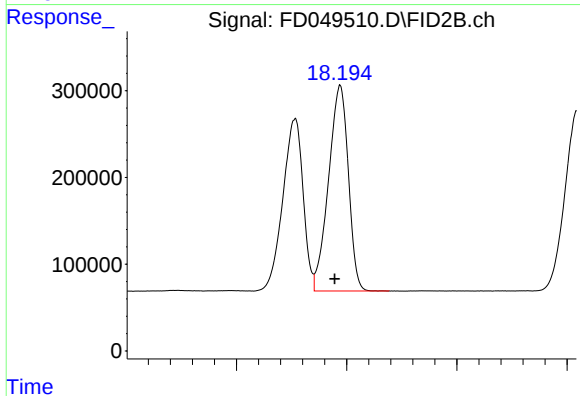
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.790 min
Delta R.T.: 0.004 min
Response: 2688401
Conc: 19.66 ug/ml



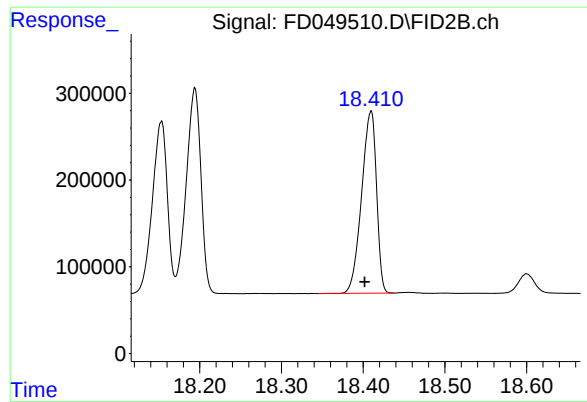
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.153 min
Delta R.T.: 0.005 min
Response: 2536513
Conc: 20.72 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.194 min
Delta R.T.: 0.005 min
Response: 2956472
Conc: 23.09 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.410 min
Delta R.T.: 0.008 min
Response: 2659947
Conc: 20.81 ug/ml

Instrument :
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